TRADEMARK OFFICE

IN THE UNITED STATES **

MAIL STOP AF

Gunter Schmidt et al.

In re Patent Application of

Group Art Unit: 1634

Application No.: 09/341,641

Examiner: Betty J. Forman

Filed: September 9, 1999

Confirmation No.: 5378

For:

NUCLEIC ACID SEQUENCING

AMENDMENT AFTER FINAL REJECTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated March 4, 2005, and further to the Notice of Appeal filed September 6, 2005 and the Examiner Interview of October 20, 2005, Applicants submit herewith the following Response:

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.